AUTHOR INDEX

Volume 32, 1995

Abrams, R.A., 567
Abramson, D.H., 1477
Acker, J.C., 1473
Ackland, S.P., 997
Adaman, O., 671
Adolfsson, J., 33
Ahmad, M., 1477
Ajani, J.A., 1025, 197
Akazawa, C., 211
Akoka, S., 121
Alapetite, C., 121
Albright, N.W., 823
Alexander, E., III, 931
Algan, Ö., 753
Allam, A., 93, 105
Allen, P.K., 1487
Altun, M., 859
Amdur, R., 897
Amdur, R.J., 801
Amies, C.J., 839
Amin, A.E., 713
Anderson, J.M., 1351
Anderson, L., 1167
Anderson, L.L., 373
Anderson, W.J., 1031
Andrews, J.C., 445
Ang, K.K., 1487, 589, 619
Anscher, M.S., 317
Appelbaum, F.R., 1103, 661
Arai, T., 1331
Araki, K., 341
Arbit, E., 1167
Armand, J.P., 747
Artwohl, J.E., 137
Asakawa, H., 913
Asbell, S.O., 577
Asmar, L., 903
Atari, N.A., 421
Atkinson, C., 997
Awan, A., 977
Ayyangar, K.M., 159
Azinovic, I., 105

Bacher, J.D., 1031
Bagshaw, M.A., 541
Ball, H.G., 1309
Bamberg, M., 241
Banerjee, D., 1319
Baram, J., 249
Barnett, T.A., 1103
Barrett, A., 713
Bartholomew, R.M., 147
Barton, M.B., 1007, 763
Bastin, K., 1439
Basu, H.S., 687
Baumann, M., 99
Beatty, C.W., 1153
Bébéar, J.P., 1137
Beck-Bornholdt, H.-P., 391
Becker, M., 1445
Beckett, M., 977
Beckmann, M.W., 137
Beitler, J.J., 567, 589
Bell, R., 777
Bellinzona, M., 1035
Ben-Josef, E., 1267
Bensinger, R., 661
Bensinger, W.I., 1103
Bentel, G.C., 245
Benyunes, M.C., 661
Biggs, P.J., 3
Birnbaum, E., 41
Birrell, G.W., 1401
Bishop, J., 1495
Blekkenhorst, G.H., 129
Bleyer, W.A., 1251
Bloomer, W.D., 1465
Bonsib, S.M., 1071
Bornstein, L., 1309
Bourhis, J., 1266, 747
Bova, F.J., 1161, 205
Bowers, M.K., 627
Braverman, I.M., 987
Breneman, J., 903
Brenner, D.J., 379
Bressel, M., 896
Brickner, T.J., 1481
Bridier, A., 1177
Brizel, D.M., 1121
Brizi, G., 437
Brock, W.A., 1371
Brown, J.M., 883
Brundage, M., 895
Buatti, J.M., 1161, 205, 931
Buchholz, D.J., 1025, 1053
Buchler, D.A., 1301, 1439
Buckner, C.D., 1103, 661
Budach, V., 395
Budach, W., 99
Budihna, M., 769
Burmeister, B.H., 997
Burnison, M., 599
Buzydlowski, J.W., 175
Byhardt, R., 577
Byhardt, R.W., 589, 1513

Campostrini, F., 355
Caplan, R.J., 599
Cassady, J.R., 1351, 507
Cassisi, N.J., 605
Castro-Vita, H., 1275
Catton, C., 777
Caudry, M., 1137
Cellini, N., 437
Chaney, E.L., 491
Chaplain, G., 651
Chappell, R., 1301
Chappell, R.J., 931
Chavaudra, J., 1177
Cheng, C.W., 507
Chin, A., 1347
Chin, R., 1007
Chou, D., 1035
Chu, J.C.H., 1268
Chui, C.S., 1477
Cleary, K.R., 1025, 197
Clery, M., 589
Coen, J., 57
Coen, J.J., 287
Coffey, R.J., 1153
Cohen, L., 367
Coia, L.R., 51, 325, 577, 753, 969
Colagrande, S., 795
Cole, C.J., 331
Coleman, C.N., 1264, 567
Compton, C.C., 57
Conine, F.E., 801
Constine, L.S., 1245
Contreras, L., 687
Cooper, J.S., 1263, 567
Corn, B.W., 325, 969
Cosmatos, D., 1265, 567
Costamagna, G., 437
Coucke, P.A., 181
Cox, J.D., 1266, 577
Cullip, T., 491
Cummings, B., 611, 777
Curran, W.J., 567
Cuttat, J.-F., 181
Cvitkovic, E., 859
Czyzewski, E.A., 69

Dallow, K.C., 287
Dalzell, J.G., 831
D'Amico, A.V., 473
Darrouzet, V., 1137
Davelaar, J., 1347
Davis, A., 777
Davis, L.W., 599
Davis, R.L., 75
Dea, D., 211
Deeg, H.J., 1103, 661
Delacroix, S., 1177
Delaney, G.P., 763
DeLuca, A.M., 1031
Demirer, T., 1103
Denham, J.W., 997
Dennis, M.F., 1111
De Salles, A.A.F., 235
Desobry, G.E., 227
Devitt, P., 997
Dewan, N., 1495
Dewhirst, M.W., 1097, 1121
DeWyngaert, J.K., 219
Dillehay, L.E., 147
Dinney, C.P., 331
Dixon, P., 895
Dobelbower, R.R., 437
Dodge, R.K., 1097
Domenge, C., 747
Donald, P.J., 627
Donaldson, S.S., 1263, 1461, 903
Donati, E., 355
Doney, K., 1103
Du, M.N., 513
duBois, W., 99
Dubrow, R.A., 1025
Duffy, M., 105
Dunst, J., 919
Dupuis, O., 747, 859

Eaton, W., 897
Edelson, R.L., 987
Edwards, M.S.B., 85, 943
Edwards, S.A., 1439
Efird, J., 105
Eifel, P.J., 1289, 1487
Eisenberg, B.L., 969
El-Kareh, A.W., 1419
El-Mahdi, A.M., 307
Eng, C., 513
Engstrom, P.F., 753
Ensminger, W.D., 445
Errington, R.D., 599
Eschwege, F., 747, 859
Estes, N., 457

Fabian, C., 457
Fallai, C., 795
Fandi, A., 859
Farmer, J.-P., 549
Feibel, M., 249
Fein, D.A., 969
Feldman, A.M., 987
Fetissof, F., 121
Fike, J.R., 1035
Filimonov, A., 897
Fisher, L., 661
Fisher, R.J., 1007, 763, 839
Fleming, T.R., 457
Fleshman, J., 41
Flickinger, J.C., 1465
Fontenla, D.P., 1477
Foote, R.L., 1153
Fornasier, V., 777
Fortin, A., 747
Fowler, J.F., 1301, 1439, 521
Foy, J.A., 733
Francisco, J., 409
Frank, A., 1495
Franken, N.A.P., 165
Fredrikson, M., 33
Freeman, C.R., 549
Freeman, J., 93, 99, 105
Friedman, W.A., 1161, 205, 931

AUTHOR INDEX

Volume 32, 1995

Abrams, R.A., 567
Abramson, D.H., 1477
Acker, J.C., 1473
Ackland, S.P., 997
Adaman, O., 671
Adolfsson, J., 33
Ahmad, M., 1477
Ajani, J.A., 1025, 197
Akazawa, C., 211
Akoka, S., 121
Alapetite, C., 121
Albright, N.W., 823
Alexander, E., III, 931
Algan, Ö., 753
Allam, A., 93, 105
Allen, P.K., 1487
Altun, M., 859
Amdur, R., 897
Amdur, R.J., 801
Amies, C.J., 839
Amin, A.E., 713
Anderson, J.M., 1351
Anderson, L., 1167
Anderson, L.L., 373
Anderson, W.J., 1031
Andrews, J.C., 445
Ang, K.K., 1487, 589, 619
Anscher, M.S., 317
Appelbaum, F.R., 1103, 661
Arai, T., 1331
Araki, K., 341
Arbit, E., 1167
Armand, J.P., 747
Artwohl, J.E., 137
Asakawa, H., 913
Asbell, S.O., 577
Asmar, L., 903
Atari, N.A., 421
Atkinson, C., 997
Awan, A., 977
Ayyangar, K.M., 159
Azinovic, I., 105

Bacher, J.D., 1031
Bagshaw, M.A., 541
Ball, H.G., 1309
Bamberg, M., 241
Banerjee, D., 1319
Baram, J., 249
Barnett, T.A., 1103
Barrett, A., 713
Bartholomew, R.M., 147
Barton, M.B., 1007, 763
Bastin, K., 1439
Basu, H.S., 687
Baumann, M., 99
Beatty, C.W., 1153
Bébéar, J.P., 1137
Beck-Bornholdt, H.-P., 391
Becker, M., 1445
Beckett, M., 977
Beckmann, M.W., 137
Beitler, J.J., 567, 589
Bell, R., 777
Bellinzona, M., 1035
Ben-Josef, E., 1267
Bensinger, R., 661
Bensinger, W.I., 1103
Bentel, G.C., 245
Benyunes, M.C., 661
Biggs, P.J., 3
Birnbaum, E., 41
Birrell, G.W., 1401
Bishop, J., 1495
Blekkenhorst, G.H., 129
Bleyer, W.A., 1251
Bloomer, W.D., 1465
Bonsib, S.M., 1071
Bornstein, L., 1309
Bourhis, J., 1266, 747
Bova, F.J., 1161, 205
Bowers, M.K., 627
Braverman, I.M., 987
Breneman, J., 903
Brenner, D.J., 379
Bressel, M., 896
Brickner, T.J., 1481
Bridier, A., 1177
Brizel, D.M., 1121
Brizi, G., 437
Brock, W.A., 1371
Brown, J.M., 883
Brundage, M., 895
Buatti, J.M., 1161, 205, 931
Buchholz, D.J., 1025, 1053
Buchler, D.A., 1301, 1439
Buckner, C.D., 1103, 661
Budach, V., 395
Budach, W., 99
Budihna, M., 769
Burmeister, B.H., 997
Burnison, M., 599
Buzydlowski, J.W., 175
Byhardt, R., 577
Byhardt, R.W., 589, 1513

Campostrini, F., 355
Caplan, R.J., 599
Cassady, J.R., 1351, 507
Cassisi, N.J., 605
Castro-Vita, H., 1275
Catton, C., 777
Caudry, M., 1137
Cellini, N., 437
Chaney, E.L., 491
Chaplain, G., 651
Chappell, R., 1301
Chappell, R.J., 931
Chavaudra, J., 1177
Cheng, C.W., 507
Chin, A., 1347
Chin, R., 1007
Chou, D., 1035
Chu, J.C.H., 1268
Chui, C.S., 1477
Cleary, K.R., 1025, 197
Clery, M., 589
Coen, J., 57
Coen, J.J., 287
Coffey, R.J., 1153
Cohen, L., 367
Coia, L.R., 51, 325, 577, 753, 969
Colagrande, S., 795
Cole, C.J., 331
Coleman, C.N., 1264, 567
Compton, C.C., 57
Conine, F.E., 801
Constine, L.S., 1245
Contreras, L., 687
Cooper, J.S., 1263, 567
Corn, B.W., 325, 969
Cosmatos, D., 1265, 567
Costamagna, G., 437
Coucke, P.A., 181
Cox, J.D., 1266, 577
Cullip, T., 491
Cummings, B., 611, 777
Curran, W.J., 567
Cuttat, J.-F., 181
Cvitkovic, E., 859
Czyzewski, E.A., 69

Dallow, K.C., 287
Dalzell, J.G., 831
D'Amico, A.V., 473
Darrouzet, V., 1137
Davelaar, J., 1347
Davis, A., 777
Davis, L.W., 599
Davis, R.L., 75
Dea, D., 211
Deeg, H.J., 1103, 661
Delacroix, S., 1177
Delaney, G.P., 763
DeLuca, A.M., 1031
Demirer, T., 1103
Denham, J.W., 997
Dennis, M.F., 1111
De Salles, A.A.F., 235
Desobry, G.E., 227
Devitt, P., 997
Dewan, N., 1495
Dewhirst, M.W., 1097, 1121
DeWyngaert, J.K., 219
Dillehay, L.E., 147
Dinney, C.P., 331
Dixon, P., 895
Dobelbower, R.R., 437
Dodge, R.K., 1097
Domenge, C., 747
Donald, P.J., 627
Donaldson, S.S., 1263, 1461, 903
Donati, E., 355
Doney, K., 1103
Du, M.N., 513
duBois, W., 99
Dubrow, R.A., 1025
Duffy, M., 105
Dunst, J., 919
Dupuis, O., 747, 859

Eaton, W., 897
Edelson, R.L., 987
Edwards, M.S.B., 85, 943
Edwards, S.A., 1439
Efird, J., 105
Eifel, P.J., 1289, 1487
Eisenberg, B.L., 969
El-Kareh, A.W., 1419
El-Mahdi, A.M., 307
Eng, C., 513
Engstrom, P.F., 753
Ensminger, W.D., 445
Errington, R.D., 599
Eschwege, F., 747, 859
Estes, N., 457

Fabian, C., 457
Fallai, C., 795
Fandi, A., 859
Farmer, J.-P., 549
Feibel, M., 249
Fein, D.A., 969
Feldman, A.M., 987
Fetissof, F., 121
Fike, J.R., 1035
Filimonov, A., 897
Fisher, L., 661
Fisher, R.J., 1007, 763, 839
Fleming, T.R., 457
Fleshman, J., 41
Flickinger, J.C., 1465
Fontenla, D.P., 1477
Foote, R.L., 1153
Fornasier, V., 777
Fortin, A., 747
Fowler, J.F., 1301, 1439, 521
Foy, J.A., 733
Francisco, J., 409
Frank, A., 1495
Franken, N.A.P., 165
Fredrikson, M., 33
Freeman, C.R., 549
Freeman, J., 93, 99, 105
Friedman, W.A., 1161, 205, 931

Frost, P.J., 951
Fry, R., 41
Fryer, C., 903
Fu, H., 895
Fu, K.K., 1263, 1266, 567, 577, 589, 627
Furlan, L., 769
Fyles, A.W., 1319

Gaballa, H.E., 723
Gaboriaud, G., 121
Garden, A.S., 619
Garusi, G., 355
Gasperin, P., 409
Gaze, M.N., 713
Geara, F.B., 1371
Geard, C.R., 113
Gehan, E.A., 903
Ger, L., 1425
Gerber, R.L., 255
Gerbi, B.J., 1199
Gerner, E.W., 895
Gerweck, L.E., 695
Ghalie, R., 69, 1433
Giannardi, G., 795
Gill, P.G., 997
Gillet, M., 181
Giri, S., 457
Giudice, L., 1461
Glatstein, E., 1083
Glicksman, A.S., 903
Gobar, L., 1495
Gobbel, G.T., 1035
Goffman, T.E., 1268
Goitein, M., 3
Goldberg, R., 777
Golding, S.J., 1071
Goldman, S., 1127
Goodwin, W., 457
Greer, S., 1059
Grénman, R., 787
Griep, C., 1347
Grier, H.E., 451
Griffin, T.W., 599, 879
Grigsby, P.W., 63, 1275
Guérin, J., 1137
Gupta, N., 1495
Gustafson, G., 513
Gutin, P.H., 75

Hahnfeldt, P.J., 379
Haie-Meder, C., 1255
Hakki, M., 227
Hall, D.W., 1111
Hall, E.J., 379
Hall, W.A., 1199
Hallahan, D.E., 1127
Halperin, E.C., 1245
Hamilton, A.J., 507
Hamilton, C.S., 997
Hampshire, V.A., 1031
Hanks, G.E., 1481, 227, 255, 325, 545, 643, 753, 891
Hanlon, A., 255
Hanlon, A.L., 1481, 969
Hansen, J.A., 661
Harari, P.M., 687
Harner, S.G., 1153
Harris, R.D., 801
Harrison, L., 465
Hartmann, T.J., 1301
Hartsell, W.F., 69, 1433
Hatcher, M.A., 367
Haveman, J., 165
Heald, P.W., 987
Healey, E.A., 451
Helgason, A.R., 33
Hendrickson, F.R., 367
Hendriks, J.J.G.W., 165
Heney, N.M., 3
Herbert, S.H., 969
Hercbergs, A., 249
Hering, E.R., 129
Herman, T.S., 898
Hess, C.F., 241
Hetzel, F.W., 695
Hicks, J., 661
Higano, S., 913
Higgins, P.D., 1268
Hlatky, L.R., 379
Hoffman, J.P., 969
Hoffmann, W., 241
Hoffschir, D., 121
Hoffstetter, S., 1455
Holly, F.E., 235
Holmes, T.W., 1215
Holsti, L., 1017
Holt, J.A., 137
Hook, C., 763
Hopewell, J.W., 1071
Hoppe, R.T., 1239, 1445
Horine, P., 211
Hoskin, P.J., 1111
Hsu, W., 1425
Hu, T.C., 1153
Huang, P., 93, 105
Hughes, D.B., 255
Humphrey, S.D., 1199
Hunt, M.A., 227, 325, 643
Hyden, E.C., 681

Ignacio, L., 189
Ikeda, A., 1071
Imaizumi, M., 913
Inomata, T., 341
Irish, J., 611
Iwahashi, M., 1337

Jack, M.K., 661
Jacobs, J.R., 1261
Jaeger, S., 1495
Jamieson, G.G., 997
Jansen, W., 165
Jany, R., 241
Jeanneret, W., 181
Jen, Y., 1425
Jenkin, R.D.T., 1253
Jenkins, G., 113
Joensuu, H., 787
John, M.J., 175
Johnson, C.R., 635
Johnson, L., 1127
Johnstone, P.A.S., 1031, 479
Jones, D.T.L., 129
Joseph, D.J., 997
Jung, G.M., 651
Jürgens, H., 919

Kacinski, B.M., 987
Kaizer, H., 69, 1433
Kajanti, M., 1017
Kaleta, R., 1017
Kankaanranta, L., 1017
Kappas, C., 847
Kavadi, V.S., 21, 293
Kawabata, M., 1337
Keane, T., 611
Kearsley, J.H., 1401
Keller, S.M., 753
Kessler, M.L., 445
Khandelwal, S.R., 635
Kim, R.Y., 1425
King, M.L., 41
King, S.C., 317
Kinsella, T.J., 1031, 1301, 1439, 931
Kirkbride, P., 1319
Kiss, R., 409
Kitayama, S., 1337
Klein, E.E., 483
Kline, R.W., 1153, 255
Knox, S.J., 1445
Kobayashi, M., 341
Kochs, E., 1391
Kodner, I., 41
Koedooder, K., 165
Komaki, R., 1481
Kondziolka, D., 1465
Kopplin, S., 13
Korb, L.J., 159
Kortmann, R.-D., 241
Kovarik, J., 1451
Krajina, Z., 859
Kroc, T.K., 367
Kuban, D.A., 307
Kubo, H.D., 627
Kutcher, G., 255
Kutcher, G.J., 1477, 499

Lacey, D., 41
Lagrange, J.-L., 651
Lamb, D.S., 997
Lamborn, K., 75, 85, 1145
Lanciano, R., 1481
Lanciano, R.M., 969
Landolt, A., 671
Laperriere, N.J., 951
Laramore, G.E., 599, 879
Larson, D.A., 85, 1145, 943
Latini, P., 959
Laurie, F., 903
Lawrence, T.S., 445
Lee, C.K., 733
Lee, D.-J., 1263, 567
Lee, J., 1097
Lee, W.R., 325, 643, 969
Leer, J.-W.H., 1347
Lefkowitz, D., 1495
Lehikoinen, P., 787
Leibel, S., 1167
Lennox, A.J., 367
Leonard, J.H., 1401
Leopold, K., 897
Leopold, K.A., 801
Le Pape, A., 121
Lepek, K.J., 1053
Leskinen-Kallio, S., 787
Lesnicar, H., 769
Levenback, C., 1289
Levendag, P.C., 815
Levin, A.B., 931
Levin, B., 1025
Levin, V.A., 75, 85
Levin, W., 1319
Levitt, S.H., 733
Li, W.X., 373
Liao, Z.-X., 1359
Licata, A.L., 987
Lieberman, L., 249
Lin, K., 1425
Lindholm, P., 787
Lindsley, K., 1167
Ling, C., 255
Ling, C.C., 1481, 373
Lockett, M.A., 41, 1275
Loeffler, J.S., 451, 931
Lorberboym, M., 249
LoSasso, T., 499
Low, D.A., 483
Luboinski, B., 747
Lulu, B., 507
Lunsford, L.D., 1465
Luporsi, E., 1455
Lusinchi, A., 747
Lynch, H., 1495
Lynch, P.M., 1025

Macdonald, J.S., 457
Mackenson, D.G., 147
Mackie, T.R., 1215
Mackillop, W.J., 531, 895
Madoc-Jones, H., 1309
Madsen, B.L., 1461
Mailliard, J., 1495
Maire, J.P., 1137
Maitz, A.H., 1465
Malaise, E., 747
Malfatti, C., 211
Malkin, M., 1167
Malkowicz, S.B., 473
Mameghan, H., 839
Manchul, L.A., 1319
Maor, M.H., 589, 599
Marandas, P., 747
Marano, P., 437
Maranzano, E., 959
Marchal, C., 651
Marcial, V.A., 1481, 175, 567, 577
Marcus, R.B., Jr., 1245
Marion, H.S., 1059
Marks, L.B., 1473, 245
Martenson, J.A., Jr., 51
Martin, E.E., 1185
Martinez, A., 513
Marton, L.J., 687
Mason, K.A., 1381
Masse, R., 121
Matsumoto, K., 1263, 913
Matsuura, K., 341
Matter, R.C., 513
Mayer, R., 147
Mazal, A., 1177
McCormick, B., 1477

McGee, K.P., 1185
McGowan, D.G., 175
McKinstry, C.A., 317
McManus, P.L., 3
Mehta, M.P., 931
Mellenberg, D.E., 1193
Mendenhall, W.M., 1161, 205, 605
Meterissian, S.H., 1025
Meyer, W., 661
Meyn, R.E., 1487
Michalski, J.M., 41
Milas, L., 1381, 1487
Miller, R.W., 1083
Million, R.R., 605
Milosevic, M.F., 1319, 951
Miot, E., 121
Mirabel, X., 651
Mirimanoff, R.-O., 181
Mitchell, S., 897
Mitev, G., 723
Mitsuzane, K., 1337
Montana, G.S., 1481, 317
Montemaggi, P., 437
Morgan, D., 1227
Morganti, A.G., 437
Mori, M., 661
Morita, S., 1331
Mornex, F., 651
Morrison, W.H., 619
Muhonen, T., 1017
Mundt, A.J., 1127, 977
Munzenrider, J.E., 3
Murray, D., 1053
Mutignani, M., 437
Myerson, R.J., 41, 895

Nachman, J., 1127
Någren, K., 787
Nakagawa, M., 1035
Nakano, R., 1337
Nakano, T., 1331
Nauraye, C., 1177
Nguyen, T.D., 651
Niël, C.G.J.H., 815
Niemierko, A., 1227
Nowak, P.J.C.M., 815
Noyes, W.R., 1439
Nyman, J., 1371

O'Brien, M., 997
O'Connell, M.J., 51
O'Donoghue, J.A., 713
Ogata, T., 341
Oka, K., 1331
Okunieff, P., 1083, 1227
Olmi, P., 795
Orr, K., 1083
Ortiz, H.G., 567, 577
O'Sullivan, B., 611, 777
Oswald, M.J., 1289
Ota, D.M., 1025, 197
Owen, J.B., 1481, 255

Page, R.L., 1097
Pajak, T.F., 1265, 577
Pape, H., 919
Papież, L., 1205
Parker, R.G., 599
Parsons, J.T., 605
Pasteels, J.-L., 409
Paulussen, M., 919
Pauwels, O., 409
Pawlicki, T., 159
Payne, D., 611
Peiffert, D., 1455
Perez, C.A., 63, 1275
Perez, L.A., 93, 105
Pernot, M., 1455
Perri, V., 437
Pescia, R., 671
Petereit, D.G., 1301, 687
Peters, L.J., 1267, 1371, 1381, 599, 619
Petersen, F.B., 1103
Phillips, T.L., 75, 211
Pickart, M.A., 687
Pickett, B., 211
Pilepich, M.V., 175
Pintilie, M., 1319, 951
Pohar, S., 1455, 809
Pollack, A., 13, 21, 293, 331, 896
Pontvert, D., 121
Poplin, E., 457
Prados, M.D., 85, 1145, 823, 943
Prados, M.R., 75
Prosnitz, L.R., 1121
Purdy, J.A., 483

Quadri, S.F., 189
Quirt, C.F., 531, 895

Rambert, P., 651
Ramsay, J.R., 1401
Rathbun, C., 211
Raubitschek, A.A., 1083
Ravalese, J., III, 635
Rawlings, G.A., 1319
Reckwerdt, P., 1215
Redpath, J.L., 681
Reeker, W., 1391
Reft, C., 1127
Resbeut, M., 651
Rezvani, M., 1071
Rhee, J.G., 733
Rich, T.A., 51, 1025, 1053, 197, 547
Richaud, P., 651
Riffenburgh, R., 479
Ringor, M., 1205
Ritter, M.A., 521
Riviere, J.E., 1097
Rivkin, S., 457
Roach, M., III, 211
Roback, D.M., 1199
Robbins, M.E.C., 1071
Roberts, D.B., 1047
Roberts, H.L., 63
Robertson, J.M., 445
Robinson, M.G., 627
Rodermond, H.M., 165
Rojas, A., 1111
Rose, A., 839
Rosenman, J.G., 491
Rosenthal, S.A., 627
Rosenwald, J.-C., 1177, 847
Rosner, G.L., 1121
Rotman, M., 51, 567, 577
Roubein, L.D., 1025
Roy, J., 465
Rübe, C., 919
Rubin, P., 175, 565, 577, 901
Rubin, S.J., 977
Rudolf, Z., 769
Ruotsalainen, U., 787
Ryu, J.K., 627

Sachs, R.K., 379
Sack, H., 395
Sakamoto, K., 913
Salminen, E.K., 349
Samuels, B., 977
Sanders, J., 1103
Sands, M.E., 21, 896
Sarkaria, J.N., 1301, 931
Saroja, K.R., 367
Sartorelli, B., 181
Sato, A., 913
Sato, M., 1337
Sauer, R., 919
Saunders, E.L., 479
Saunders, M.I., 1111
Saw, C.B., 159
Scarantino, C.W., 1259
Scharl, A., 137
Schell, M.C., 831
Schellhammer, P.F., 307
Schmid, C.H., 1309
Schmidt-Ullrich, R.K., 421, 635
Scholten, A.N., 1347
Schultheiss, T.E., 1185, 1269, 227, 325, 643, 753
Schultz, D., 473
Schupak, K., 1167
Schwaab, G., 747
Schwade, J., 1059
Scott, W., 1495
Secomb, T.W., 1419
Seilhan, T.M., 1035
Sen, S., 189
Shah, A.B., 1433
Shamberger, R.C., 451
Shannon-Dorcy, K., 1103
Shao, Y., 147
Shellito, P.C., 57
Sherouse, G.W., 245
Shimm, D.S., 1351
Shipley, J.W., 3
Shipley, W.U., 3, 287
Shumate, C.R., 197
Sibley, G.S., 1127, 977
Simon, M., 977
Simon, S., 409
Simpson, W.J.S., 951
Sindelar, W.F., 1031
Skibber, J.M., 1025, 197
Smalley, S.R., 51
Smathers, J.B., 235
Smee, R.I., 1007, 763
Smid, L., 769
Sminia, P., 165
Smith, A.R., 255
Smith, D.M., 1309
Sneed, P.K., 823, 943
Soba, E., 769
Sohn, J.W., 809, 831
Solberg, T.D., 235
Solin, L.J., 1268
Song, C.W., 733
Song, P.Y., 1255
Song, S., 147
Soranson, J.A., 1071
Sorgen, S.D., 577
Spencer, D.P., 245
Spry, N.A., 997
Stea, B., 1351, 507
Steineck, G., 33
Stephens, L.C., 1268, 1487
Stern, R.L., 627
Stetz, J., 577, 599
Stevens, L.N., 1153
Stewart, P.A., 703
Stitt, J.A., 1301, 1439
Stock, R.G., 219
Stone, N.N., 219
Storb, R., 1103, 661
Stratford, M.R.L., 1111
Streffer, C., 395
Stringer, S.P., 605
Stüben, G., 395
Stuschke, M., 395
Suh, J.H., 809, 831
Suit, H., 99
Suit, H.D., 3, 93, 105, 1227
Sullivan, K.M., 661
Sun, C., 681
Sun, J., 1409
Sunderland, J., 1495
Svoboda, V.H.J., 1451
Swanson, D.A., 331
Swanson, J.W., 1153
Symons, M., 513

Tada, K., 913
Taghian, A., 93, 99, 105
Takahashi, S., 913
Tangen, C.M., 457
Tarbell, N.J., 451
Tate, D.J., 1239
Taylor, J.M.G., 1267, 887
Taylor, R., 513
Tefft, M., 831
Tepper, J.E., 51, 491
Teräs, M., 787
Tercilla, O.F., 723
Terrill, R.E., 1031
Thomadsen, B.R., 1301, 1439
Thomas, G.M., 1481
Thorn, J.S., 491
Thorpe, P., 1495
Thrall, D.E., 1097
Ting, J.Y., 723
Tornos, C., 1487
Tracton, G., 491
Travis, E.L., 1047, 1359
Trouette, R., 1137
Tsang, R.W., 1319
Tsuji, K., 1337
Tucker, S.L., 1359, 1371
Tulovsky, V., 1205
Turesson, I., 1371

Urias, R., 51
Urie, M.M., 3

Vaida, F., 189
van de Geijn, J., 1083
Van der Kracht, A.H.W., 165
Van Houtte, P., 409
van Santvoort, J.P.C., 815
van Sörnsen-de Koste, J.R., 815
Varad, B., 211
Verhey, L., 211
Verhey, L.J., 3
Vijayakumar, S., 189, 977
Vinters, H.V., 703
Vogel, S., 457
von Eschenbach, A.C., 21, 293, 331
Vora, N.L., 577

Walker, Q.J., 997
Walker, S., 445
Wallace, M., 255
Wallace, R.E., 235
Wallner, K., 465
Wang, C.C., 889
Wara, W.M., 75, 85, 1145, 823, 943
Warde, P., 611
Warland, G., 57
Warnick, R.E., 1145
Wasserman, T.H., 1263, 567
Wazer, D.E., 635
Weber, R.S., 619
Weichselbaum, R.R., 1127, 189, 977
Weiner, L.M., 753
Weinstein, G.D., 197
Werner-Wasik, M., 1309
Wesson, M.F., 219
Wharam, M., 903
Wharton, J.T., 1289
Wheeler, J.A., 1487
Wheldon, T.E., 713
Whitehouse, E., 1071
Whittington, R., 473
Wibault, P., 747
Wiegel, T., 896
Wijnhoven, B.P.L., 1035
Wike, J., 1371
Willett, C.G., 57
Williams, J.R., 147
Willison, F.W., 479
Wilson, C.B., 75, 1145, 823
Wilson, G.D., 1071, 1319
Wilson, L.D., 987
Winkelmann, W., 919
Withers, H.R., 1267, 887
Witherspoon, R., 661
Wolden, S.L., 943
Wong, C.S., 703, 951
Wong, J.W., 513
Wong, W., 977
Wu, A., 1465
Wu, C., 1425
Wu, J.J., 317
Würschmidt, F., 391
Yamada, R., 1337
Yan, D., 513
Yasuhiro, O., 341
Yen, S., 1425
Yeoh, E., 997
Yoshida, S., 341
Young, R.H., 3
Yu, C.X., 513

Zagars, G.K., 13, 21, 293, 331, 896
Zakotnik, B., 769
Zargi, M., 769
Zaugg, M., 671
Zhang, Y.-G., 147
Zhou, Y., 531, 895
Zhu, Y., 1409
Zietman, A.L., 3, 287
Zink, S., 599
Zwicker, R.D., 421, 723
Zywietz, F., 1391

SUBJECT INDEX

Volume 32, 1995

A

Accelerated fractionation, 589
Accelerated radiotherapy, 391, 763, 1451
Acceleration, 181, 747
Accuracy, 815
Acemannan, 1047
Acoustic neuroma, 1153
Acute skin reaction, 1047
Adenocarcinoma of the cervix, 1331
Adenocarcinoma of the esophagus, 753
Adenoid cystic carcinomas, 619
Adjuvant therapy, 51, 1227
Adults, 951, 1145
Advanced lymphoid malignancies, 1103
Age, 1007
Altered fractionation, 635
Anaplastic astrocytoma, 931
Anaplastic transformation, 611
Androgen ablation, 13
Animal models, 1031
Antiovarian antibodies, 1461
Apoptosis, 1381, 1487
ARCON, 1111
Arterial infusion chemotherapy, 1337
Astrocytes, 1035
Astrocytoma, 205, 249
Asymmetric collimators, 809
Autologous bone marrow transplantation, 1433

B

Balloon catheter, 1337
Beam's-eye-view display, 491
Benign disease, 777
Bile duct neoplasms, 437
Biology, 859
Bleomycin, 69, 769
Blocking effects, 1083
Blood, 137
Blood flow, 129
Blood–brain barrier, 703
Bone marrow rescue, 713
Bone marrow transplantation, 69
Bone-marrow-transplantation, 661
Brachytherapy, 219, 437, 451, 465, 1331, 1337, 1351, 1425, 1455
Brain, 121
Brain neoplasm, 85
Brain neoplasms, 205, 249, 823, 1161
Brain stem glioma, 85
Brain tumors, 451, 1167
Bromodeoxyuridine (BrdU), 75

C

Cancer, 531
Canine, 1031
Capsular invasion, 651
Carcinogenesis, 165
Carcinoma, 687
Carcinoma of prostate, 367
Carcinoma of the prostate, 3, 175
Carcinoma of uterine cervix, 1275
Cataracts, 661
CCD digital radiography, 421
Cervical cancer, 1289, 1301, 1425
Cervical carcinoma, 1481
Cervix, 1487
Cervix cancer, 1319
Cervix carcinoma, 1121
Cervix neoplasm, 1309
CHART, 1111
Chemoradiation, 753, 997
Chemoradiation and esophagectomy, 753
Chemoradiotherapy, 1381
Chemotherapy, 75, 651, 903, 987, 1145, 1513
Chemotherapy treatment, 859
Childhood leukemia, 913
5-Chloro-2′-deoxycytidine (CldC), 1059
Chromosome changes, 113
Cisplatin, 391, 1097
Cisplatinum sensitivity, 681
[^{11}C]Methionine, 787
Coefficient of variation, 367
Colon cancer, 457
Colon carcinoma, 147
Colorectal cancer, 445
Combination therapy, 713
Combined modality therapy, 437, 997, 1025
Combined modality treatment, 391
Combined therapy, 1513
Compensators, 1193
Complication, 815
Complications, 349, 1289, 1301
Computerized tomography, 421, 795
Concomitant boost, 589, 635
Conformal irradiation, 211
Conformal radiation, 325
Conformal radiation therapy, 3, 445
Conformal radiotherapy, 355
Conformal therapy, 227
Conservative surgery, 977
Consolidative irradiation, 1433
Corticosteroids, 661
Craniospinal radiation therapy, 1145
CT, 249
CT examination, 241
Custom blocks, 499
Cutaneous T-cell lymphoma, 987
Cyclophosphamide, 987

D

Delayed radiation injury, 121
DFMO, 1035
Digitally reconstructed radiographs, 491
Dogs, 1097
Dose, 977
Dose buildup, 1193
Dose–volume histogram analysis, 831
Dosimetry, 147, 1477, 159, 235, 465, 1083
Doxorubicin, 987
Drug delivery, 1419
Dynamic collimation, 723

E

Early diagnosis and therapy, 959
Early tolerance, 1451
Edge detection, 1185
Electron applicators, 483
Electron beam, 159
Electron beam therapy, 987, 1347
Electron dosimetry, 483
Electronic portal imaging, 1185
EMT-6 rodent mammary adenocarcinoma, 1059
Endothelial cells, 1035
Esophageal cancer, 997, 1017
Etanidazole, 567
Ewing's sarcoma, 919
Exchange, 137
Experimental tumor, 391
External beam radiotherapy, 931
External beam therapy, 159
Extracorporeal photochemotherapy, 987
Extremity, 969

F

Facility survey, 255
Femoral neck fracture, 63
Fetus, 823
FFT-convolution, 1409
Fibroblasts, 1371
Filtered back-projection, 1215
FISH, 113
Flow cytometry, 1319
5-Fluoro-2′-deoxycytidine (FdC), 1059
Fluoroscopy, 421
5-Fluorouracil, 1025
Fluorouracil, 437
Fractionated irradiation, 1391
Fractionated radiation therapy, 1137
Fractionation, 391, 747
Fractionation sensitivity, 395
Functional subunits, 1359
5-FU, 457

G

G2 block, 395
γ_{50}, 1227
Gamma knife, 1153, 1465
γ-Radiation, 1053
Gastric cancer, 341
Gastrointestinal mucosa, 1381
Geometric accuracy, 499
Germ-cell tumor, 943
Germinoma, 943
Giant cell tumor tendon sheath, 777
Gleason score, 479
Glioblastoma, 249

Glioblastoma multiforme, 93, 99, 205, 931
Glioma, 75, 1167
Glomerular cell kinetics, 1071
Glottic cancer, 801
Gold foil, 507
Graft-vs.-host disease, 69
Groin irradiation, 63
Gynecologic malignancies, 63

H

Head and neck, 245
Head and neck cancer, 577, 589, 599, 763, 787, 809
Head and neck carcinoma, 567
Head and neck neoplasms, 635
Helmet technique, 241
High dose rate, 1425
High dose rate brachytherapy, 1439
High-LET complications, 367
Histopathology, 479
Hodgkin's disease, 1239
Hormonal management, 175
Human, 1371
Human colon adenocarcinoma cells, 1053
Humans, 1111
Human squamous cell carcinoma, 681
Human tumors, 129
Human tumor xenograft, 93
Hydraulic conductivity, 1419
Hyperbaric oxygen, 695
Hyperfractionated TBI, 1103
Hyperfractionation, 85, 181, 521, 577, 903, 919
Hyperthermia, 165, 733, 1097
Hypoxia, 1121
Hypoxic cell sensitizer, 567

I

I-125, 373
Image analysis, 147, 409
Image reconstruction, 1215
Immobilization, 245, 1193
Immunohistochemistry, 1035
Infertility, 1461
Infusional chemotherapy, 1025
Inhomogeneities, 847
Inoperable head and neck carcinoma, 769
Interstitial brachytherapy, 507
Interstitial irradiation, 1035
Interstitial pneumonitis, 69
Intraarterial chemotherapy, 445
Intraoperative radiotherapy, 341, 1031
Inverse problem, 1205
In vivo, 99
in vivo, 1381
In vivo dosimetry, 839
Iodine^{125}, 507
IORT, 197, 341
Iridium, 437
Irradiation, 165, 391, 703
Irradiation-fractionated, 661
Irradiation with telecobalt between 40–45 Gy, 671
Isocenter, 809
Isoeffect relations, 379
Isotopic imaging, 121

K

Ki-67, 57
Kinetics, 687

L

Lagrange variational method, 1205
Laryngeal neoplasms, 611
Late complications, 1309
Late effects, 577, 643, 903
Leukocytes, 1035
Leukoencephalopathy, 913
Ligand, 137
Limb-sparing, 969
Linac radiosurgery, 205, 1161
Linear-quadratic, 379
Liver metastases, 445
Local control, 635, 815, 1347
Local therapy, 1433
Low dose rate, 373
Lung, 1083
Lung neoplasms-radionuclide imaging, 1495
Lung neoplasms-radiotherapy, 1495
Lymph node, 1121

M

Macroinvasive pituitary adenomas, 671
Magnetic resonance, 795
Magnetic Resonance Imaging (MRI), 121
Mandibular reconstruction, 627
Mantle, 1083
Maxillary sinus cancer, 815
Medulloblastoma, 1145, 951
Merkel cell carcinoma, 1401
Metastasis, 1161, 1227
Metastatic breast cancer, 1433
Metastatic spinal cord compression, 959
Methotrexate, 913
8 MHz RF capacitive hyperthermia, 733
Microvasculature, 1035
Microvessels, 1419
Mitomycin C, 769
Mitosis, 1381
MLC, 513
Morphology, 1071
Morphometric analysis, 1035
Morphonuclear modifications, 409
Mouse lung, 1359
MR imaging, 913
Multicellular spheroids, 395
Multileaf collimation, 1409
Multileaf collimator, 499, 513
Multiple courses of skin electron beam, 1445
Multivariate analysis, 293, 1337
Muscle-invasive bladder cancer, 331
MXT mouse mammary tumor, 409
Mycosis fungoides, 987, 1445
Myelopathy, 165

N

N-(Phosphonacetyl)-L-aspartate (PALA), 1059
Nasopharyngeal cancer, 859
Nasopharyngeal carcinoma, 795
Neoplasm recurrence local, 1495
Neurinomas, 1137
Neutron therapy, 129, 367, 599
Nicotinamide, 1111
Non-Hodgkin lymphoma, 349
Non-Hodgkin's lymphoma, 987
Nonsmall cell lung cancer, 1513
Non-uniform margins, 211
Normal brain, 1035
Normal tissue effects, 189
Normal tissues, 1371
Normal tissue tolerance, 1031
Nude mice, 99

O

Ocular implants, 1477
Old patients, 349
Ophthalmology, 1177
Optimization, 1205, 1215
Oropharyngeal cancer, 1007
Outcome, 1275
Ovarian failure, 1461
Overall time, 1301, 747
Overall treatment time, 105, 1017
Oxygen breathing, 695

P

Paclitaxel (Taxol), 1381
Palliative treatment, 1007
Pancreatic neoplasms, 437
Patterns of care, 255, 1481
Patterns of failure, 1167
Pd-103, 373
Pediatric, 451
Pelvic irradiation, 355
Pelvic recurrence, 1239
Penumbra, 1409
Perineural invasion, 619
Peripheral nerve, 1031
Pharmacokinetics, 1097, 1111
Photon and electron beams, 1477
Photopheresis, 987
Pig, 121
Pig kidney, 1071
Pigmented villonodular synovitis, 777
Pineal tumors, 943
Pituitary adenomas, 831
pO_2 measurements, 1391
Polyamine analog, 687
Polyamines, 1035
Positron detection, 129
Positron emission tomography, 787
Postoperative radiotherapy, 619
Postoperative RT, 969
Potential doubling time, 1319
Predictive assay, 1487
Predictive assays, 1371
Predictors of recurrence, 1301
Pregnancy, 823
Premature menopause, 1461
Preoperative chemoradiotherapy, 197
Preoperative irradiation, 57
Preoperative radiotherapy, 181, 1025
Prognosis, 331, 479, 635, 1331
Prognostic factors, 293, 651, 671, 931, 951, 1309

Proliferating cell nuclear antigen, 57
Proliferation, 521, 687, 1301
Prolongation, 521
Prophylactic cranial radiotherapy, 913
Prostate, 211, 521
Prostate cancer, 13, 21, 33, 189, 219, 227, 287, 293, 317, 325, 473, 479, 643, 839
Prostate carcinoma, 307
Prostate implantation, 219
Prostate specific antigen, 13
Prostate-specific antigen, 21
Prostate specific antigen, 189
Prostate-specific antigen, 293, 307, 317
Prostate specific antigen, 473
Prostatic carcinoma, 465
Protocols, 1513
Proton irradiation, 3
Protons, 1177
PSA kinetics, 473
PSA normalization, 325
Psoralens, 987

Q

Quality assurance, 241, 919, 1199, 1465
Quality control, 51, 847

R

Radiation, 63, 457, 687, 695, 1301, 1351, 1371, 1445, 1481
Radiation cystitis, 643
Radiation dosage, 635
Radiation field shaping, 513
Radiation leakage, 483
Radiation nephropathy, 1071
Radiation oncology, 255
Radiation pneumonitis, 1359
Radiation proctitis, 643
Radiation protection, 507
Radiation sensitivity, 99
Radiation therapy, 21, 41, 85, 159, 241, 245, 287, 293, 307, 331, 473, 627, 747, 769, 831, 903, 943, 951, 959, 1167, 1215, 1275, 1289, 1319, 1461, 1513
Radiation therapy facilities, 255
Radiation tolerance, 3
Radiation—induced, 681
Radical cystectomy, 331
Radical prostatectomy, 21
Radical radiotherapy, 1017
Radiobiology, 977
Radioimmunoglobulin therapy, 147
Radioiodoestradiol, 137
Radiology of pelvis, 355
Radionuclide diagnosis, 249
Radioprotectors, 1047
Radioresponsiveness, 395
Radiosensitivity, 713, 1401
Radiosensitization, 1053, 1059
Radiosurgery, 121
Radiotherapy, 13, 33, 75, 175, 205, 317, 355, 409, 437, 479, 507, 531, 567, 611, 635, 651, 733, 777, 787, 815, 823, 847, 919, 977, 987, 1007, 1083, 1111, 1177, 1239, 1309, 1337, 1371, 1409, 1455
Radiotherapy dosage, 823
Radiotherapy simulation, 421
Radiotherapy technique, 801
Radiotherapy treatment planning, 847, 1473
Randomized comparative trials, 3
Randomized trial, 599
Rationing, 531
Rat rhabdomyosarcoma, 1391
Rat spinal cord, 703
RBE, 373
Receptor, 137
Rectal cancer, 51, 57, 181, 197
Rectal carcinoma, 41
Recurrent, 317
Recurrent tumor, 507
Redistribution, 379
Relaxation times, 121
Reoxygenation, 379
Repair, 379
Repopulation, 105, 379
Rhabdomyosarcoma, 903
rHuTNF-α, 93
Risk factor, 913
Rotational therapy treatment planning, 1205

S

Salivary gland carcinomas, 619
Sarcoma, 451
Scatter dose, 839
Scattering, 1177
Scattering foils, 483
Secondary, 1161
Sexual functioning, 33
Sezary syndrome, 987
Side effects, 671
Simulation, 355
Skin carcinoma, 1347
Small bowel mobility, 1473
Soft tissue sarcoma, 977, 1121
Soft tissue sarcomas, 969
Special small bowel series, 1473
Spinal cord, 165
Spinal tumors, 507
Split course, 589
Squamous, 687
Squamous carcinoma, 1121
Squamous cell cancer, 763
SR 2508, 567
Staging, 635
Staging systems, 651
Stereotactic radiosurgery, 235, 931, 1153, 1199, 1465
Steroid, 137
Sterotactic interstitial implantation, 1167
Surface dose, 1193
Surgery, 1351, 651, 919
Surgical debulking, 671
Survival, 1145, 1275
Swine, 137

T

Targeted radiotherapy, 713
TCD_{50}, 93
Telangiectasia, 1371
Testis dose, 839
Tetrahydrouridine (H_4U), 1059
Thalamic glioma, 85
Thallium-201 SPECT, 249
Thermotron RF-8, 733
Three-dimensional, 211
Three-dimensional treatment planning, 491
Thymoma, 651
Tissue compensation, 723
Tissue heterogeneity, 235
Tissues, 137
Titanium plate, 627
TLD, 839
Tolerance dose, 1227
Tomography emission-computed, 1495
Tomography x-ray computed, 1495
Tomotherapy, 1215
Total body irradiation, 69
Total-body-irradiation, 661
Total body irradiation, 713
Total skin electron beam, 1445
Toxicity, 1111
T_{pot}, 105
Treatment, 349
Treatment evaluation, 1481
Treatment outcome, 1161
Treatment planning, 159, 255, 1215
Treatment reproducibility, 227
Treatment response, 787
Treatment simulation, 815
Treatment volume, 977
Tubule cell kinetics, 1071
Tumor control, 1275
Tumor control probability, 1227
Tumor grade, 479
Tumor histology, 959
Tumor hypoxia, 695
Tumor oxygenation, 1121, 1391
Tumor proliferation, 57
Tumor size, 1309
Tumor volume, 635

U

Unilateral irradiation, 1071
Uterine carcinoma, 1439
Uterine cervical cancer, 1337

V

Vaginal cuff, 1439
Verification films, 241
Verrucous carcinoma, 611
Vocal cord cancer, 801
Volume effect, 1359
Vulva, 1351
Vulvar cancer, 1455

W

Waiting lists, 531

X

Xenograft, 147
Xenografts, 99
X-ray dosimetry, 1409

Y

Yttrium-90, 147